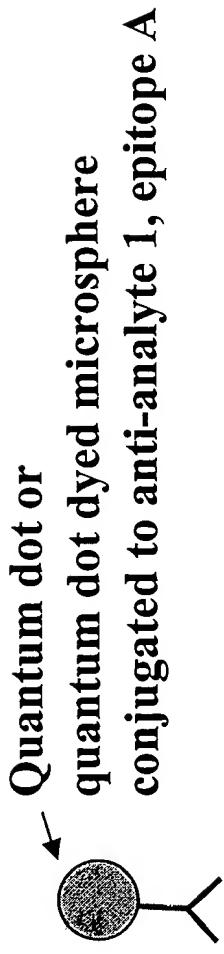
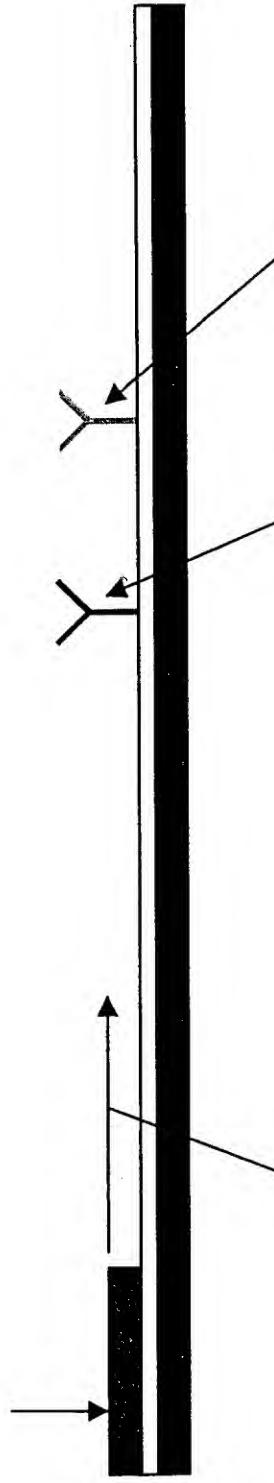


Quantum dot or quantum dot dyed microsphere conjugated to anti-analyte 1, epitope A



+ Sample



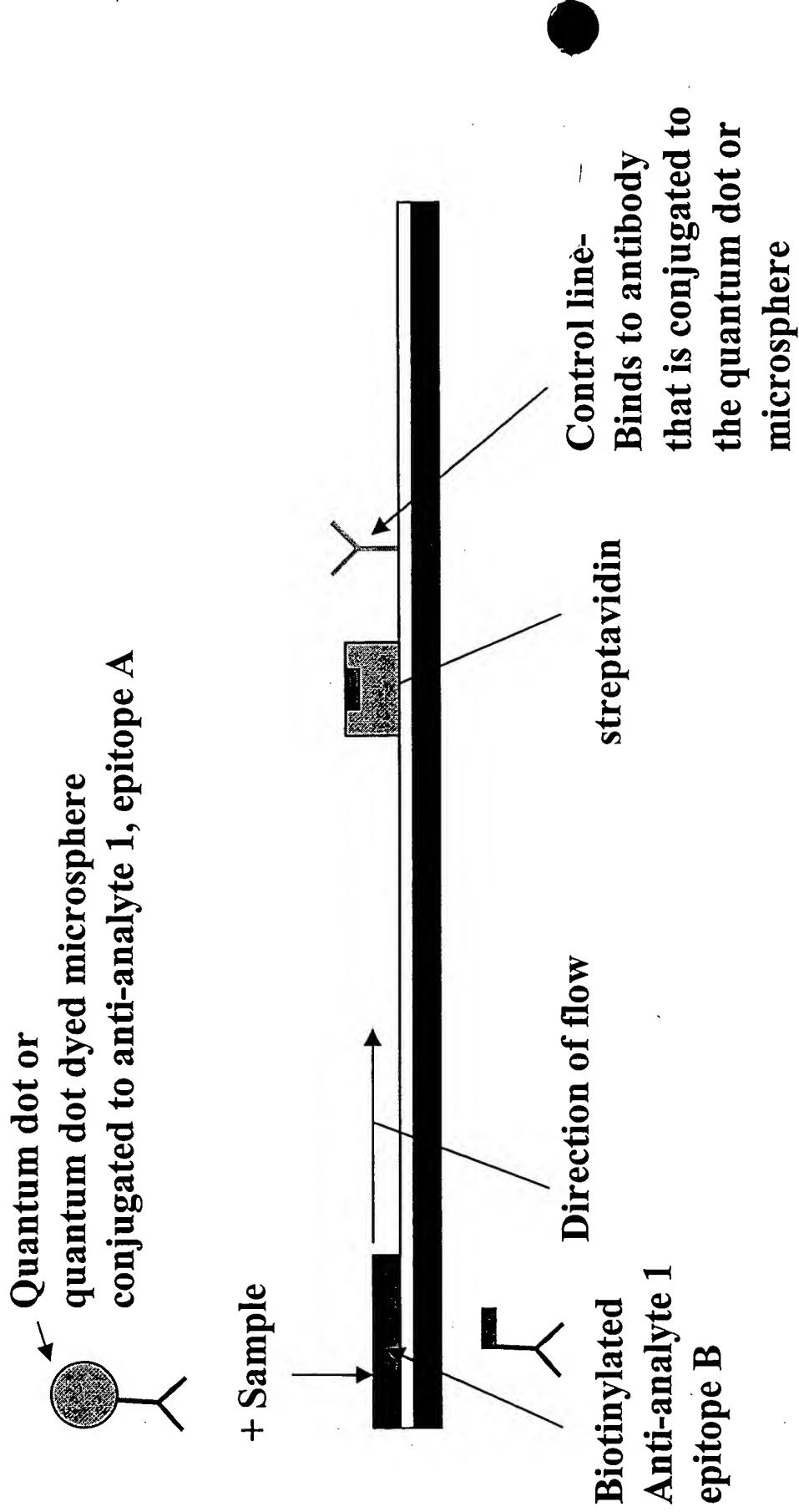
Anti-analyte 1 epitope B

Control line-

Binds to antibody that is conjugated to the quantum dot or microsphere

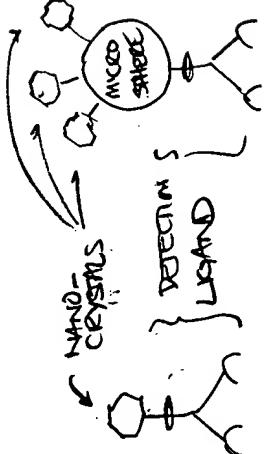
Figure 1

Figure 2



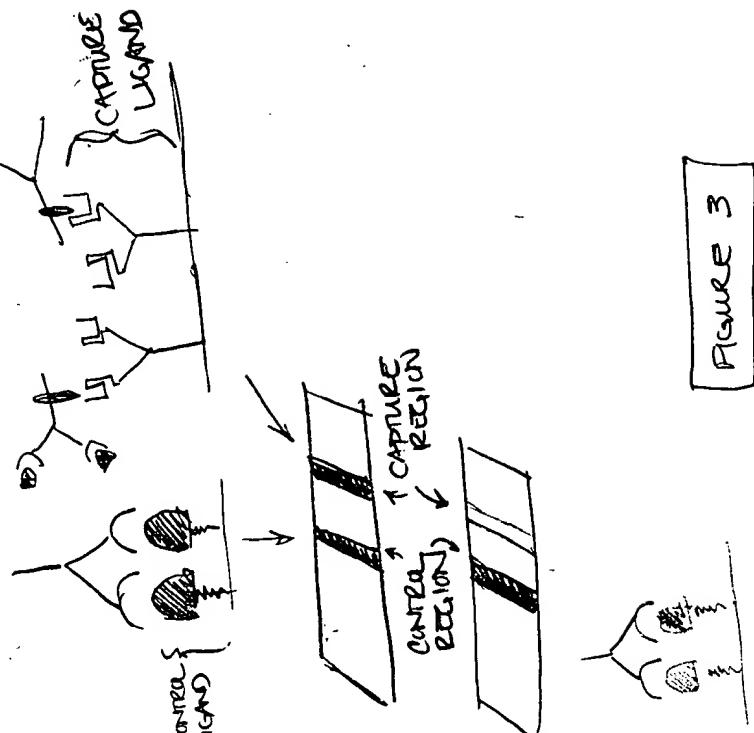
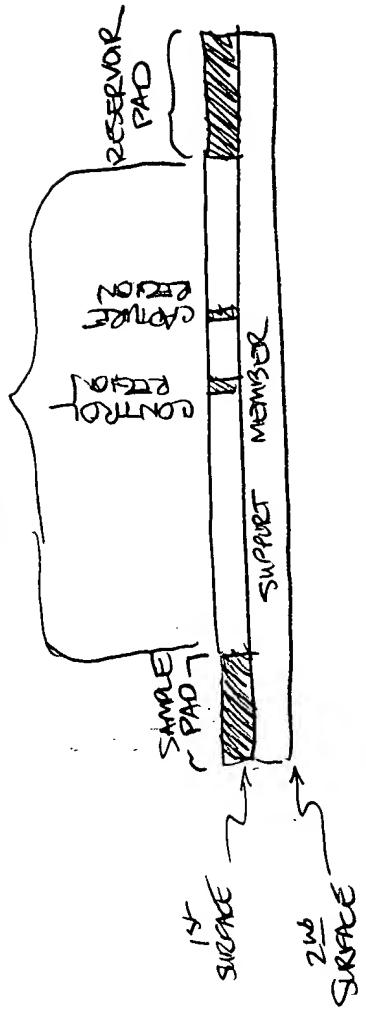
Competitive Binding Test Step

Detection Reagent
(2 Versions)



Immunochromatographic
TEST STEP:

separation region



POSITIVE RESULT:

UNBOUND
DETECTION
REAGENT

ANALYTE -
DETECTION REAGENT
COMPLEX

ANALYTE
OF INTEREST

TEST
SAMPLE

ANALYTE
PRESENT:

ANALYTE
NOT
PRESENT:

UNBOUND
DETECTION
REAGENT
ONLY



NEGATIVE
RESULT



Figure 3

Figure 4

